

Patent Abstracts of Japan

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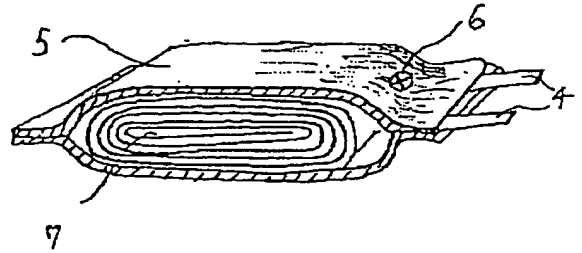
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TITLE : LITHIUM ION BATTERY



ABSTRACT : PROBLEM TO BE SOLVED: To provide an inexpensive and high-reliability lithium ion battery storing a power generating element in a bag-like storage body made of a functional member by providing a pressure releasing means on the bag-like storage body.

SOLUTION: An electrode group is stored in a bag-like storage body 5 made of a film laminated with polyethylene on both faces of an aluminum foil and opened at one end, a prescribed quantity of an electrolyte is injected, then the opening section of the bag-like storage body 5 is sealed by thermal deposition to obtain a battery. A pressure release valve 6 fitted to the bag-like storage body 5 is operated to rupture the storage body 5 only when the internal pressure of the storage body 5 becomes the prescribed value or above, and the operating pressure is set to 1.2-20kg/cm².

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